

APPLIED MATHEMATICS AND COMPUTATION

VOLUME 73

RYSZARD KOZERA

On Complete Integrals and Uniqueness in Shape from Shading 1

G. S LADDE AND S. SATHANANTHAN

Stability Analysis of Hereditary Iterative Processes 39

J. WU AND X. ZOU

Patterns of Sustained Oscillations in Neural Networks
with Delayed Interactions 55

XINZHI LIU

Impulsive Control and Optimization 77

H. DANG-VU AND C. DELCARTE

Hopf Bifurcation and Strange Attractors in Chebyshev Spectral
Solutions of the Burgers Equation 99

XIAO-QING JIN

A Fast Algorithm for Block Toeplitz Systems with Tensor Structure . . . 115

T. SASAGAWA

Constructions of C^∞ -Class Functions Having Specified Asymptotic
Properties 125

KRZYSZTOF KOŁOWROCKI

Asymptotic Reliability Functions of Some Nonhomogeneous
Series-Parallel and Parallel-Series Systems 133

TOKUFUMI YAMAMOTO

Critical State between Local and Global Interaction 153

HENRYK GZYL

Maxentropic Reconstruction of Fourier and Laplace Transforms 181

R. PAVANI

A Numerical Approximation of the Rotation Number 191

(Continued)

FERENC SZIDAROVSKY AND OLGIERD PALUSINSKI	
An Inverse Method to Determine Parasitics of Power	
Interconnections in High Speed Electronics	203
M. MORHÁČ	
An Algorithm to Solve Hilbert Systems of Linear Equations	
Precisely	209
ZHIZHANG SHEN AND CHRISTIAN M. MARSTON	
A Study of a Dice Problem	231
FERENC SZIDAROVSKY, SÁNDOR MOLNÁR, AND JEROME YEN	
On the Price Trajectory Control of a Discrete Dynamic	
Producer-Consumer Market	249
WANG PEIGUANG	
Iterative Methods for the Boundary Value Problem of a	
Fourth-Order Differential-Difference Equation	257
T. SASAGAWA	
An Infinite Product Arising from an Elementary Geometric	
Problem and the Estimate of Its Value	271
M. NACEUR AZAIEZ AND VICKI M. BIER	
Perfect Aggregation for a Class of General Reliability Models	
with Bayesian Updating	281
1995 SUBJECT INDEX	303
VOLUME CONTENTS	

